

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

## PCT

### INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

To:

Seppo Laine Oy  
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FI-00180 Helsinki  
Finland

Date of mailing  
(day/month/year) **27-08-2004**

Applicant's or agent's file reference  
**SILE9PCT**

**PAYMENT DUE** within **1** month/days from the  
above date of mailing ( i.e latest **27-09-2004** )

International application No.  
**PCT/FI2004/000224**

International filing date  
(day/month/year) **13-04-2004**

Applicant  
**Silecs Oy**  
**et al**

**1. This International Searching Authority**

(i) considers that there are 3 (number of) inventions claimed in the international application covered by the claims indicated below/on an extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reason indicated below/on an extra sheet:

(ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:

(iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid.

**2. The applicant is hereby invited, within the time limit indicated above, to pay the amount indicated below:**

<u>13.870:-</u>	x	<u>2</u>	=	<u>27.740:-</u>
Fee per additional invention		number of additional inventions		total amount of additional fees

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☐ Claim(s) Nos. \_\_\_\_\_ have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the ISA/  
Patent- och registreringsverket  
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The International Search Authority considers that there are 3 inventions covered by the claims indicated as follows:

I: Claims: 1, 57, 59, 108, 134 and 160 are directed to a chemical compound and a method for making the chemical compound.

II: Claims 1, 10, 29, 41, 52, 53, 59, 68, 85, 99, 103, 104, 108, 113, 122, 127, 129, 130, 134, 139, 148, 153, 155 and 156 are directed to a poly(organo siloxane), an integrated circuit having a layer of poly(organo siloxane) and a computer comprising an integrated circuit with a poly(organo siloxane) layer.

III: Claim 164 is directed to a thin film comprising a composition obtained by hydrolyzing two different monomeric silicon compounds to form a siloxane material.

The ISA has carried out a partial search which relates to invention I mentioned above. The applicant is invited to pay an additional fee for the inventions II and III as listed above.

Statement:

The present application has been considered to contain 3 inventions which are not linked in a permissible manner as required by PCT Rule 13.1 or 13.2:

See PCT Guidelines § 10.15;

“While a single set of independent claims according to one of the subparagraphs of paragraph 10.12 is always permissible, it does not require the International Authority to accept a plurality of such sets...”

Independent claims are permissible for two related articles, in this case a monomer and a polymer, however, it does not follow that, under paragraph 10.12, an applicant may include also, in the one international application, four additional independent claims: two claims for a process for the manufacture of the monomer and four claims for the use of a polymer in the computer industry.

Consequently, the (two) groups of inventions are not so linked as to fulfill the requirements for unity of invention as required by Rule 13.1, 13.2 and 13.3 PCT.

In the present application the invention number III is not linked to either invention I or II.

## Annex to Form PCT/ISA/206

COMMUNICATION RELATING TO THE RESULTS OF THE  
PARTIAL INTERNATIONAL SEARCH

International application No.

PCT/FI 2004/000224

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the result of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.: 1, 59, 108, 134
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on the other parts of the international application for which such fees will have been paid.

## DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	STN International, File CAPLUS, CAPLUS accession no. 1975:497451, Document no. 83:97451, Vaks, E.A. et al: "Radiation-chemical synthesis of polyfluoroaromatic derivatives of silicon affected by accelerated electrons", & Zhurnal Obshchei Khimii (1975), 45(6), 1315-22 --	1
X	STN International, file CAPLUS, CAPLUS accession no. 1979:420591, Document no. 91:20591, Novikov, S.S. et al: "Silicon-containing polycyclic hydrocarbons. I. Study of the alkylation of phenylchlorosilanes by 1-bromoadamantane", & Zhurnal Obshchei Khimii (1979), 49(4), 772-5 --	1
X	Journal of the American Chemical Society, volume 91, no 6, 1969, March 12, R.A. Benkeser et al: "A New Method of Forming the Carbon-Silicon Bond. Reductive Silylation of Carbonyl Compounds", pages 1556-1557, see run --	1
X	Acta Chemica Scandinavica, volume 50, 1996, Tamio Hayashi: "Asymmetric Hydrosilylation of Olefins Catalyzed by MOP-Palladium Complexes", pages 259-266, see page 263, no. 14a --	59-60, 64

☒ Further documents are listed in a continuation Box.☒ See patent family annex

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

COMMUNICATION RELATING TO THE RESULTS OF THE  
PARTIAL INTERNATIONAL SEARCH

International application No.

PCT/FI 2004/000224

## DOCUMENTS CONSIDERED TO BE RELEVANT (Continuation)

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6348240 B1 (JEFFREY M. CALVERT ET AL), 19 February 2002 (19.02.2002), See ex. 5 and 6  -- -----	59,60,64

**Patent Family Annex**  
Information on patent family members

03/07/2004

International application No.  
PCT/FI 2004/000224

US 6348240 B1 19/02/2002

US	5648201 A	15/07/1997
DE	69231893 D,T	28/03/2002
EP	0510711 A,B	28/10/1992
JP	5202483 A	10/08/1993
US	5389496 A	14/02/1995
US	5500315 A	19/03/1996

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